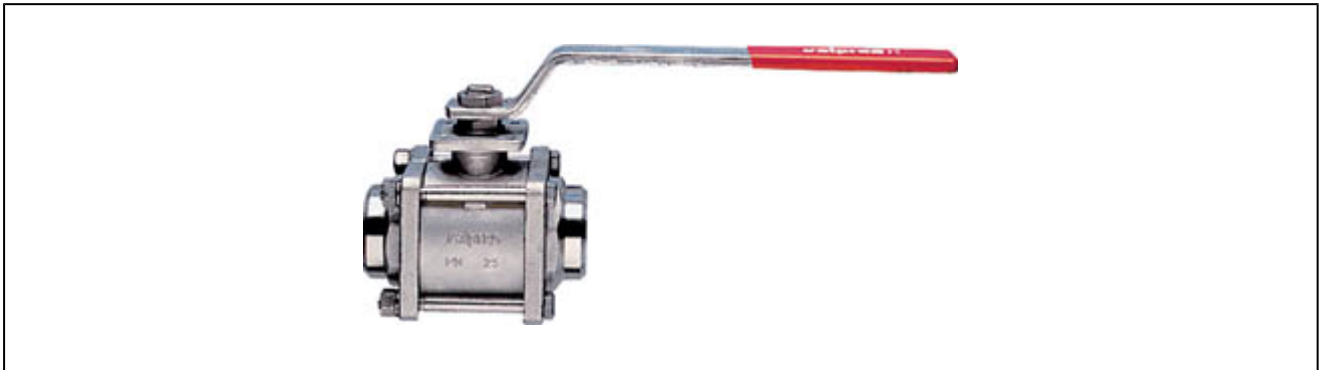
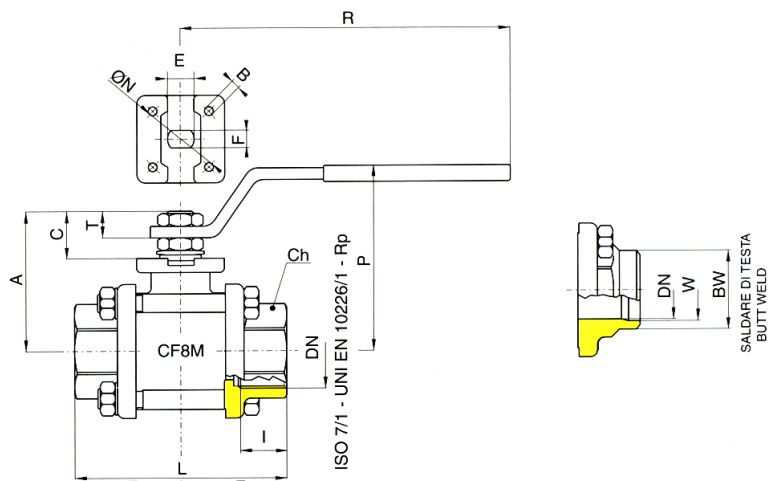


three piece type ball valve made of stainless steel series BA091

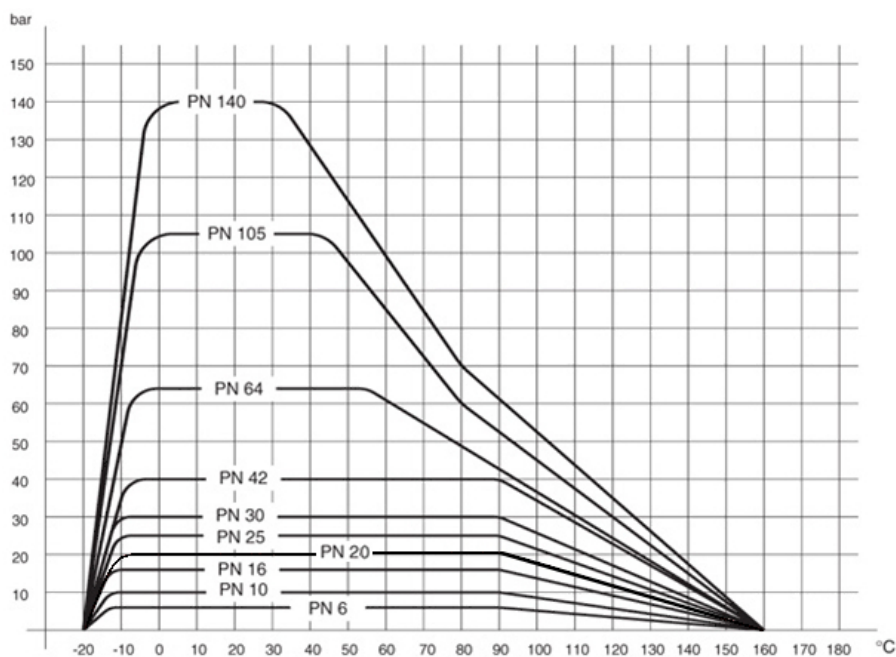


design	two way ball valve with floating ball, compensation hole
actuation	with 90° turn of the handle
connection	butt weld ends DN8...DN100 according to DIN 3239
materials	body and ball stainless steel AISI 316, ball seats made of graphite reinforced PTFE, stem seals made of graphite reinforced PTFE, stem o-ring FKM hand lever: DN8...DN50 stainless steel AISI 430 plastic coated, DN65...DN100 steel plastic coated tie rods and nuts: DN10...DN50 stainless steel AISI 304, DN65...DN10 zinc plated steel
application	group 1 and 2 liquids and gases acc. to PED 2014/68/EU and which do not affect the used materials.
medium temperature	-20...+160°C (steam -20...+198°)
operating pressure	vacuum max. 10^{-3} Torr to nominal pressure according to table and pressure-temperature diagram, steam 0...15bar
type of fixing	installed into rigid pipework
mounting position	any
special versions	antistatic design ATEX II 2 D/G c T3



nominal diameter DN[mm]	pressure range [bar]	pressure range steam [bar]	A	CH	E	F	L	R	P	C	T	N	B	BW	W	kv value [m ³ /h]	weight [app. kg]	type
8	0...64	0...15	35	22	8	5	57	110	50	13,5	9	-	-	-	-	8,5	0,28	BA091-8-L
10	0...64	0...15	35	22	8	5	57	110	50	13,5	9	-	-	17,1	12,48	8,5	0,27	BA091-10-L
15	0...64	0...15	47	27	10	7	65	131	64	15	10	36	6	21,3	15,76	19,2	0,50	BA091-15-L
20	0...40	0...15	52	32	10	7	76	131	68	16	10	42	5,5	26,7	20,96	35,0	0,70	BA091-20-L
25	0...40	0...15	60	41	12	8	92	174	79	19,5	12,5	42	6	33,4	26,64	64,5	1,20	BA091-25-L
32	0...25	0...15	64	50	12	8	106	174	83	19,5	12,5	42	5,5	42,2	35,08	104	1,70	BA091-32-L
40	0...25	0...15	79	55	16	10	116	250	100	24	16,5	50	6,5	48,3	40,94	174	2,50	BA091-40-L
50	0...25	0...15	86	70	16	10	136	250	107	24	16,5	50	6,5	60,3	52,48	301	3,90	BA091-50-L
65	0...16	0...15	103	90	20	14	153	321	126	28	18	70	M8	73	62,68	546	8,15	BA091-65-L
80	0...16	0...15	114	105	20	14	180	321	137	28	18	70	M8	88,9	77,92	873	12,80	BA091-80-L
100	0...16	0...15	137	130	24	18	217	381	156	34,5	22	102	M10	114,3	102,26	1363	21,50	BA091-100-L

pressure-temperature-diagram



illustrations are non-binding
all designs, configurations, measurements and materials are subject to change without prior notice